



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

15/C
8-25-81
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In re application of) HIGH EFFICIENCY INVERTER
Ole K. Nilssen) AND BALLAST CIRCUITS GROUP 250
Serial No. 973,741) Group Art Unit 252
Filed December 28, 1978) Examiner S. H. Grimm

AMENDMENT C

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Responsive to the Final Office Action of March 24,
1981, please amend the above-identified application as follows:

IN THE CLAIMS:

Please amend the claims as follows:

1. (Thrice amended) In an inverter for producing
an AC output voltage from a source of DC voltage connected there-
with and having a pair of alternately conducting switching trans-
istors, each having a base and being connected with said DC
voltage source, an improved drive circuit for said transistors,
comprising:

first means connected with the bases of the trans-
istors for alternately providing drive signals thereto, ^{Said} [and]
first means including an output winding of a first current trans-
former and being responsive to conduction of [the conducting one
of] said transistors for applying a positive feedback signal
thereto, said first current transformer having a pair of primary
windings respectively connected with said pair of transistors and
said positive feedback signal being a current substantially propor-
tional to the sum of the currents conducted through said pair of
transistors;

Inter
only for
appeal
8/22
7-1-81